**Graduate Program Flowchart for a PhD in Chemistry at Georgetown University**

First Year

Grad Student

- Phase I Exam
  - 3 attempts
  - *Analytical
  - Biochem
  - Inorganic
  - Organic
  - Physical Chem

1st Attempt

1 out of 5

Pass

- January
  - Spring
  - Pass
  - Yes

No

2-3 attempts

Fall Semester

- CHEM 915, 703
  - 3 courses
  - 10 credits/hr

Spring semester

- CHEM 903, 704*
  - 2 courses
  - 10 credits/hr

Summer Research

**Total of 7 courses required**

No

Out

Yes

Chose permanent advisor

5 signatures are required

- Yes

- 2nd Year

- CHEM 1-2 courses
  - CHEM 920
  - CHEM 999-03**

- 3rd Year

- CHEM 0-1 courses
  - CHEM 920
  - CHEM 999-03**

- Complete Phase IIA §

MS

- Full time student

Ph.D.

- Phase II exams must be completed ≤ 24 months After Phase I

- Phase II Academic aptitude (ACS guidelines)
- Phase II Research & techniques mastering and comprehension

- 7th semester presentation
- 4th – 5th Year

- 4th – 5th Year

- 3rd Year

- Research

- Written proposal on an original research topic & oral defense

- **Chemistry Thesis Research**
- Indicates full time status

- §Written paper on student’s ongoing research & oral defense

- §Written paper on student’s ongoing research & oral defense

- Grad student should maintain a QPI (GPA) ≥ 3.0
- Fulfill teaching and/or research responsibilities
- Maintain honesty, integrity, and diligence
- Never compromise safety
- Comply with Grad School & Departmental policies & procedures

- BS
  - Ph.D 32 credits (4 core courses & 2 electives = 18 credits)

- BS
  - MS (non-thesis) 30 credits (4 core courses + electives + phase II)

- BS
  - MS (thesis) 24 credits (3 core courses + electives)

- MS + thesis
  - Ph.D 26 credits (Advance Standing)